Section 1. General information

1. * Title of the study
   Enter the full title of the study

2. Acronym/short title
   Enter optional acronym/short title for the study

3. * Contact details
   Give the name of the main administrative contact for the study
   
   Name

   Role
   What is the role the main contact in the study (e.g. executive researcher, research group supervisor)?

   Email address
   Provide the email address of the main contact

4. * Study centre details
   Give the details of the institutions where the experiments will be undertaken. Add additional lines if there is more than one

   None selected

5. * Sources of support
   Give the sources of financial support for the study

   [ ] Industry
   [ ] Investigator driven
   [ ] Grants
   [ ] Other

6. * Start date
   The date the study started or is expected to start
7. * Expected end date  
*The date the study ended or is expected to end*

8. * Study status  
*Please indicate what the current status of the study is*

- [ ] Not started  
- [ ] Active  
- [ ] Completed but not published  
- [ ] Completed and published (abstract)  
- [ ] Completed and published (full-text)  
- [ ] Study interrupted

**Section 2. Study design**

9. * Field of medicine  
*To what field of medicine does this study relate? (e.g. cardiology, oncology, neuroscience)*

10. * Health condition/problem studied  
*Give the health condition or problem the study investigates*

11. * Intervention type  
*What type of intervention is being tested in the study?*

- [ ] Compound  
- [ ] Delivery method  
- [ ] Retention  
- [ ] Model optimalisation  
- [ ] Surgery  
- [ ] Other

12. * Study stage  
*Please indicate the stage of the study*
13. * Hypotheses
Formulate the hypotheses for this study. This field is mandatory if Study Stage is Stage 3 but otherwise not.

14. * Primary endpoint(s)
What is the primary endpoint of the study? Please clarify what will be measured, how this will be measured and at what timepoint (e.g. efficacy based on Left Ventricular Ejection Fraction after 4 weeks).

Safety
Feasibility
Efficacy

15. Secondary endpoint
What is the secondary endpoint of the study?

16. * Are animals exclusively used for this research question?
Please indicate if the animals (or tissues) are used for this study only

Yes
No

17. * Species
Select the appropriate species for the study

Cat
Dog
Ferret
Goat
Guinea pig
Hamster
Horse
Mouse
Monkey
Pig
Rabbit
Rat
Sheep
Other
Provide the strain or other specifications on the species

19. * Sex
*Indicate the sex of the animals in the study*

- Male
- Female
- Both

20. * Animal model used
*What animal model was used for the study*

21. * Sample size calculation
*Please indicate if a sample size calculation was performed in advance and if so, please specify the sample size calculation. This usually includes alpha, beta, minimal detectable difference and expected number of drop-outs (due to mortality or other causes).*

- No
- Yes

22. * Sum of animals in study arms
*Indicate the total number of animals which are expected to be analysed in total (exclude expected procedural drop-out)*

23. * Groups
*Please indicate all of the study groups/arms and their purpose*

24. * Randomisation
*Give details about the study randomisation*

*Are the animals randomly allocated to the experimental groups?*

- No - please explain why randomisation was not performed
- Yes

25. * Blinding
*Are the investigators involved in the experiment blinded to the allocation of the animals to the experimental groups?*

*Are the investigators blinded?*
Is the assessment of outcome(s) blinded?
- No
- Yes
- Yes partially, because

26. * Placebo-controlled
Was one of the arms of the study a placebo arm?
- Yes
- No

27. * Was a pilot experiment performed?
Did you perform a pilot experiment before planning the current experiment?
- Yes
- No

28. * Follow-up duration
How long will the follow-up be?
- Yes
- No

29. Tissue sharing
If animal tissue sharing is possible please indicate what tissues you are able to share
- Bladder
- Bones
- Brain
- Gallbladder
- GE-tract
- Glands
- Heart
- Kidneys
- Liver
- Lungs
- Muscle
- Pancreas
- Reproductive organs
- Spleen
- Thymus
- Other

30. Original animal ethics committee application or number of application
Please upload the original animal ethics committee application for this study, provide a link to an online copy or provide the number of the application
31. Additional information
*Please give any other information about the study that is not covered elsewhere in the form*

32. Link to data
*Please provide links to any related published articles, or data provided in any data repository (e.g. Dataverse, Open Science Framework, Figshare, Zenodo)*

33. * Embargo
*You may choose to embargo the details of this study for up to 1 year from the date of registration. Please indicate below whether you want the details embargoed*

- [ ] Yes, embargo the details of this study
- [ ] No, I do not want the details of this study embargoed

34. * Statement of accuracy

- [ ] I confirm that the information provided in this form is true, complete and accurate